

# hf Happenings



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the week of 5 October 2015

## CQ World Wide DX Contest Committee Conducting Survey

The CQ World Wide DX Contest Committee is conducting a survey to gather feedback about the contest from participants

[www.sogosurvey.com/survey.aspx?k=SsTXXSsSsPsPsP](http://www.sogosurvey.com/survey.aspx?k=SsTXXSsSsPsPsP).

An invitation with a link to the survey has been sent via e-mail to everyone who submitted a log in the 2014 SSB and CW CQ WW events.

"The responses will help us improve the contest and make important decisions about the rules," the CQ WW Contest Committee said. Anyone who has participated in the CQ WW DX Contest in the past 3 years is invited to take the survey, which is available in five languages and should take about 10 minutes to complete. Participants should only take the survey once. The deadline to submit surveys is Saturday 10 October.

## The Summer 2015 edition of The 5 MHz Newsletter

A little behind time, the latest edition of The 5 MHz Newsletter - Summer 2015 (No 14) is now available for free download in pdf format from <http://tinyurl.com/ockn2ea>. It can also be found in the 'external links' section of the Wiki 60 Meter Band page and on the RSGB 5 MHz page.



Our 5th Birthday edition includes news on the CEPT European Common Proposal for an amateur 5 MHz secondary allocation for WRC-15, 5 MHz allocations in Hungary, Oman, The Netherlands and Honduras, an updated listing of WebSDRs covering 5 MHz,

a Pyramid Antenna for 5 MHz and the new FSQ data mode, optimised for NVIS.

## Transparent coating keeps solar cells cool

Stanford engineers have developed a transparent silicon overlay that can increase the efficiency of solar cells by keeping them cool. The cover collects and then radiates heat directly into space, without interfering with incoming photons. If mass-produced, the development could be used to cool down any device in the open air - for instance, to complement air conditioning in cars.

It is believed the technology could apply to any instance where an outdoors system needs effective heat dispersal.

The advance is described in the current issue of the journal "Proceedings of the National Academy of Sciences."

## IOTA Database hacked

At 04:48 UTC on 27 September, an automatic bot gained access to the IOTA website database and was able to exploit a bug in the IOTA code in order to reset the password for every user on the site. There is no sign in the system logs that any data was read or that personal data was compromised. Once the IT team was aware of the issue, they immediately took the database offline for analysis and corrected the bug. User passwords are stored in a hashed format in the database, not in plain text. In accordance with best practice, however, the team would like to encourage all users of the IOTA website to change their passwords. Additionally, if you have used your IOTA password on other websites, you should also change the passwords on those sites. If you



have any further questions or concerns, please contact [iota.online@rs.gb.org.uk](mailto:iota.online@rs.gb.org.uk).

## New HF Operators - Things to Do

Register now for a free CW Academy Class, which is starting in January 2016 <http://www.cwops.org/cwacademy.html>. Sponsored by the CW Operator's Club <http://www.cwops.org/>, each class takes place over a two-month period, and involves training and mentoring to instil or improve CW skills. There is a great article in the September-October issue of NCJ about it.



## Coffee

A recent article in *Science News Magazine* details the health benefits of coffee, including improving liver function. <https://www.sciencenews.org/article/coffee-reveals-itself-unlikely-elixir>.

Contesters (and Armour soldiers) have always viewed it as a health drink... <https://www.youtube.com/watch?v=OR3zpPZnCBE>

## Web Site of the Week

Electronics Fail Blog - there I fixed it <http://failblog.cheezburger.com/thereifixedit/tag/electronics>



We have all made ugly, rude, temporary but ultimately funny fixes to things. Here are some that have been captured in photos. Perhaps you have some of your own to share.

Do Not Do This. An example of something that seemed like a good

## October

- 1 - SARL 80 metre QSO Party
- 2 - All schools close
- 3 - SARL Spring QRP Contest
- 4 - RSGB 21/28 MHz Contest
- 8 - Log submission for the SARL 80 m QSO Party
- 9 - Meet with Koos, ZR6KF, at the Oakdale ARC
- 10 - Amateur Radio in Action, Cape Town; log submission for the Spring QRP Contest
- 10 and 11 - AWA Valve QSO Party
- 12 - All schools open
- 15 - Radio Amateur Examination
- 16 to 18 - Jamboree-on-the-Air
- 17 - CQ Hou Koers
- 17 - Harrismith Mountain Race <http://www.amethyst.co.za/Harrismith/>
- 24 - Crafters Market, Bloemfontein
- 24 and 25 - CQ WW DX Phone Contest

## November

- 1 - All Saints Day
- 7 - RaDAR Challenge
- 8 - Remembrance Sunday; PEARS HF Contest; The Big Walk, Cape Town
- 7 and 8 - International Police Association Contest
- 11 - Armistice Day; Diwali
- 28 and 29 - CQ WW DX CW Contest

idea at the time, until, suddenly, it was not. (Courtesy K3HX)

## Word to the Wise

LCR - Log Checking Report. This is the report generated when the contest sponsor scores your log. It can contain information on errors that you made in your log, and can reveal how others made mistakes copying your information. It can help you identify areas where you can improve your score, as well as indicate ways to improve how to communicate your exchange to others.

## Operating Tip

On weekend where there are multiple compatible contests running at once, here is

a nice way to be able to participate in a bunch of them, courtesy of the PVRC News-letter:

N1MM Logger+ Hint for Multi-Contest Weekends. On many weekends, I might think about more than one contest; like simultaneous QSO parties and the SAC or JA events. In N1MM you have always been able to start up multiple contest logs and go through the "Open Log in Database" menu entry to switch between them. But in version 1.0.5176 or later, N1MM+ now has a nice shortcut:

With your cursor in the Entry window, hit ALT+F - that brings up "active" contest log list

Select the number in the list of the contest you want to switch to, type in that number and hit Enter

Voila - you are logging in the other contest. John, K3TN

### Technical Web Site of the Week

Soldering - Over the past couple of weeks, I have had the opportunity to repair some gear, which brought to mind some of the perennial questions I have personally had about fluxes, soldering alloy compositions, and the like. Recently, there was a nice article on through-hole soldering in the DKARS magazine

<http://downloads.dkars.nl/DKARS%20Magazine%20201503.pdf>. Even though this particular article is in Dutch, there are plenty of pictures and captions in English.

Regarding particular questions about what flux to use when (and why it may not be appropriate to just use any old solder you have on hand), page four of Metcal's Hand Soldering Basics document discusses some of the issues

[http://ecee.colorado.edu/~mcclurel/Metcal\\_Hand\\_Soldering\\_Basics.pdf](http://ecee.colorado.edu/~mcclurel/Metcal_Hand_Soldering_Basics.pdf).

Elecraft also has a soldering how-to written by NOSS, which contains a list of acceptable solders for their kits

[http://www.elecraft.com/TechNotes/NOSS\\_SolderNotes/NOSS\\_SolderNotesV6.pdf](http://www.elecraft.com/TechNotes/NOSS_SolderNotes/NOSS_SolderNotesV6.pdf).

By using an alloy containing metals with a lower melting temperature, it may be easier to un-solder certain SMD parts. I recently ordered ChipQuik, which has such an alloy, but have yet to use it.

<http://www.chipquik.com/>

### African DX

Ghana, 9G. Billy, KM4GHS, is active from Kumasi as 9G5GH. He is generally active on 20 metres using SSB around 18:00 to 22:00 UTC, but also tries to be active on 40 metres. QSL direct to home call.

Egypt, SU. Ivan, OM3CGN, is active from Cairo as SU9IG until 15 June 2016. Activity is on 160 to 10 metres using CW, SSB and RTTY. QSL to his home call

Benin, TY. Nicolas, F8FQX, will be in Benin for the coming three years and plans to get on the air as TY2SN (CW and SSB). QSL via IZ1BZV direct and LoTW.

Uganda, 5X. Jay, K4ZLE, informs that he will be active as 5X2A from three different locations in Uganda (Kampala, Jinja and Lira) between 10 and 19 October. However, operating will be secondary and hours of operation can be in the evenings and/or early mornings Uganda time (18:00 to 20:00 UTC and 03:00 to 05:00 UTC). Operations will most likely be on 40 to 17 metres using CW, maybe RTTY. Equipment is an Alinco DX-70TH with EDX2 (HF Auto Antenna Tuner) running 100 watts into an end fed wire in trees, etc., w/counter-poise. QSL via his home call sign, by the Bureau or LoTW.

The Gambia, C5. Luc, F5RAV, and Gerard, F5NVF, will be active as C5LT from The Gambia between 20 and 27 October. They will operate SSB, CW and PSK on 80 to 6 metres and will leave behind a station for Mustapha, C5MF, and other future Gambian hams to use. Luc will participate in the CQ WW DX SSB Contest as C5C. QSL C5C, C5LT and C5MF via F5RAV (direct only).

Kenya, 5Z. Manfred, DK1BT, Sigi, DL7DF, Reiner, DL7KL and Frank, DL7UFR will be active as 5Z4HW from Kenya between 4 and 18 November. Activity will be on 160 to 6 metres using CW, SSB, RTTY and PSK31. Equipment consists of two K2 transceivers K2, two OX1000 power amplifiers, an 18 m low band vertical, a 40 m and a 30 m loop, a Spiderbeam for 20 m through 10 m and a 5 element yagi for 6 m. Pilot station will be Bernd, DF3CB. QSL via DL7DF, direct or by the Bureau. Also, look for operators to possibly sign 5Z4/home calls.

For more details and possible updates, see [www.dl7df.com/5z4hw\\_2015](http://www.dl7df.com/5z4hw_2015)

Mozambique, C9. Marko, N5ZO, will be active as C92ZO during the CQ WW DX CW Contest, 28 and 29 November, as a Single-Op/All-Band/High-Power entry. QSL via LoTW or direct to OH0XX.

## African Islands

IOTA frequencies

CW: 28 040 24 920 21 040 18 098 14 040 10 114 7 030 3 530 kHz

SSB: 28 560 28 460 24 950 21 260 18 128 14 260 7 055 3 760 kHz

Cape Verde, D4. A team of eight operators (CX2AM, CX3AN, CX4CR, EA1ACP, EA1DVY, EA5HPX, EA7FTR, and EB7DX) will be active as D4D from Boa Vista (IOTA AF-086), between 17 and 24 October. They will operate SSB, CW and RTTY on 80 to 6 metres. QSL via EB7DX.

St Helena and Ascension Islands, ZD7 and ZD8, (Update). Oliver, W6NV, will activate these two islands again between October and December. He should be on St Helena, AF-022, between 15 October and 2 November and will be active as ZD7W. The primary purpose is to enjoy the Island and revisit some of Napoleon's history. The Island is celebrating the bi-centennial year of Napoleon's exile and the residents are anticipat-

ing completion of an airport in 2016. See the web pages <http://sthelenatourism.com> and <http://www.smithsonianmag.com/travel/just-got-easier-visit-st-helena-napoleon-180956633/?no-ist>.

Activity will be focused on the CQ WW SSB and WAG CW Contests. Operation will be on 160 to 10 metres throughout his stay using CW and SSB.

After his operation on St Helena, Oliver will then go to Ascension Island, ZD8, via the Royal Mail Ship and be active as ZD8W between 5 November and 2 December. He will then join others to be active on the CQ WW DX CW Contest, 28 and 29 November.

Canary Islands, EF8. Jeff, N6GQ, will be active as EF8U from Gran Canaria Island (AF-004) during the CQ WW DX SSB Contest, 24 and 25 October, as a Single-Op/All-Band/High-Power entry. He will be using mono-bander antennas. QSL via LoTW. To see the station, visit

<http://ea8url.blogspot.com>

Coetivy Island, S7, AF-119. (S79C Press Release #3) During early July, plans started to firm up for a DXpedition to Coetivy Island AF-119 NEW. Such was the interest in this project, our experienced team was in place within moments of invitations going out to join this exciting island activation.

In little more than 6 weeks from now, the S79C team will be on air from the South Indian Ocean looking to work as many uniques as possible. Planning and logistics are now complete and we are confident of giving out this new IOTA group to many. We are deeply encouraged by the level of support, both individually and through organizations who realize this IOTA activity is not a holiday style operation, but rather to a remote destination hundreds of miles from anywhere. Our aim is to work all corners of the globe using a combination of verticals and Hexbeams placed near the waters edge. This November period was chosen to maximize propagation paths to all geographical areas. We want your QSO!



Our most difficult path from this brand new IOTA group is to West Coast North America. Special attention will be given to this area as we realize that even regular S7 is still much needed - # 53 most wanted DXCC in fact! We are puzzled however, that to date, all groups and organizations contacted from this area have all refused our funding requests. Nonetheless, we will focus on this tricky path during peak propagation times. Let us remember the 'forgotten West Coast'.

Such is the extreme expense of activating this brand new IOTA, we appreciate every single donation being made. We urge those considering donating to please do so before, during or after our DXpedition. Advance donors will be rewarded with a free QSL, see <http://af119new.com/donate/>

Just before we leave our homes in mid-November, we will issue a last minute update. In addition, twitter @af119 will be in use as we journey to Coetivy Island. Please see <http://af119new.com> for latest information.

Thank you, Team S79C

Tromelin Island, FT4T. The Tromelin Island 2014 video is now available on YouTube at <https://youtu.be/D-ig1VU5Jxk>. This is in addition to the book, which can be read online at <http://blur.by/1KGFCIT>, in French, and at <http://blur.by/1LziqfS> for the English version.

Get on the **RaDAR....and GO!**

**RA**DAR  
GOES GLOBAL

### History this week

The week starting 5 October 2015

1813 - Italian opera composer Giuseppe Verdi was born in Le Roncole, Italy

1846 - Engineer and inventor George Westinghouse was born in Central Bridge, New York

1890 - American fighter pilot Ace Eddie Rickenbacker was born in Columbus, Ohio

1899 - The Boer War began in South African between the British Empire and Boers of the Transvaal and Orange Free State

1908 - Bulgaria proclaimed its independence from the Ottoman Empire

1913 - Solveig Gunbjorg Jacobsen, a Norwegian girl, is born in Antarctica

1914 - Norwegian explorer Thor Heyerdahl was born in Larvik, Norway. He used Kon-Tiki and other primitive ocean-going vessels to prove the possibility of transoceanic contact between ancient, widely separated civilizations

1927 - The first "talkie" opened in New York - The Jazz Singer starring Al Jolson

1930 - The British Airship R101 crashes in France on its maiden flight to India, 48 passengers and crew die

1940 - John Lennon was born in Liverpool, England

1942 - The actress Britt Ekland is born

1973 - The Yom Kippur War started as Egypt and Syria launched attacks on Israeli positions on the East Bank of the Suez and the Golan Heights

1995 - An article in the Nature magazine announces the discovery of a planet, 51 Pegasi - the first one outside our solar system

2941 (SR) Bilbo and the company depart from Lake-town (9 Oct)

3018 (SR) The camp under Weathertop (Amon Sûl) is attacked at night and Frodo is wounded (6 Oct)

3018 (SR) the Company flees from Amon Sûl (7 Oct)

3018 (SR) Strider and the hobbits have travelled for five days since their attack at Amon Sûl (11 Oct)

### Contest Calendar

This week's contests compiled by Bruce Horn, WA7BNM. The period covered is 5 to 12 October 2015

### ARS Spartan Sprint

01:00 - 03:00 UTC 6 October

Mode: CW

Bands: 80, 40, 20, 15, 10 m

Classes: Skinny; Tubby

Max power: 5 watts

Exchange: RST, state, province or country and power

Work stations: Once per band

Submit logs by: 8 October 2015

E-mail logs to: [spartansprint@yahoo.com](mailto:spartansprint@yahoo.com)

Mail logs to: (none)

Find rules at:

<http://www.arsgrp.blogspot.com/>

### Phone Fray

02:30 - 03:00 UTC 7 October

Mode: SSB

Bands: 160, 80, 40, 20, 15 m

Classes: Single Op

Max power: 100 watts

Exchange: NA: Name and state, province or country; non-NA: Name

Work stations: Once per band

QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station

Multipliers: Each US state (including KH6/KL7) once per band; Each VE province/territory once per band; Each North American country (except W/VE) once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 03:00 UTC 9 October 2015

E-mail logs to: (none)

Post log summary at:

<http://www.3830scores.com>

Mail logs to: (none)

Find rules at:

[http://www.perluma.com/Phone\\_Fray\\_Content\\_Rules.pdf](http://www.perluma.com/Phone_Fray_Content_Rules.pdf)

### CWops Mini-CWT Test

13:00 - 14:00 UTC and 19:00 - 20:00 UTC 7 October and 03:00 - 04:00 UTC 8 October

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op - QRP, low or high



Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts

Exchange: Member: Name and member no; non-Member: Name and state, province or country

Work stations: Once per band

QSO Points: 1 point per QSO

Multipliers: Each call once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 04:00 UTC 10 October 2015

Post log summary at:

<http://www.3830scores.com>

Mail logs to: (none)

Find rules at:

<http://www.cwops.org/cwt.html>

### UKEICC 80 m Contest

20:00 - 21:00 UTC 7 October

Mode: SSB

Bands: 80 m Only

Classes: Single Op Connected - open, low or QRP; Single Op Unconnected - open, low or QRP

Max power: Open: 1 500 watts; LP: 100 watts; QRP: 5 watts

Exchange: 4-Character grid square

QSO Points: 1 point per 500 km; multiply QSO points by 2 if low power station; multiply QSO points by 4 if QRP station

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 22:00 UTC 7 October 2015

E-mail logs to: (none)

Upload log at:

<http://logs.ukicc.com/cgi-bin/hfenter.pl>

Mail logs to: (none)

Find rules at:

<http://www.ukicc.com/which-contest/contest-rules/ukeicc-80m-contests-rules>

### NCCC RTTY Sprint Ladder

01:45 UTC-02:15 UTC 9 October

Mode: RTTY

Bands: 160, 80, 40, 20, 15 m

Classes: Single Op

Max power: 100 watts

Exchange: Serial no, name and QTH

Work stations: Once per band  
QSO Points: NA station: 1 point per QSO;  
non-NA station: 1 point per QSO with an NA  
station

Multipliers: Each US state (including KL7 and  
KH6) once per band; Each VE province once  
per band; Each North American country (ex-  
cept W/VE) once per band

Score Calculation: Total score = total QSO  
points x total mults

Submit logs by: 11 October 2015

E-mail logs to: (none)

Post log summary at:

<http://www.3830scores.com>

Mail logs to: (none)

Find rules at:

[http://www.ncccsprInternationalcom/rules.h  
tml](http://www.ncccsprInternationalcom/rules.html)

#### NCCC Sprint

02:30 - 03:00 UTC 9 October

Mode: (see rules)

Bands: (see rules)

Classes: (none)

Exchange: Serial no, name and QTH

Score Calculation: Total score = total QSO  
points x total mults

Submit logs by: 11 October 2015

E-mail logs to: (none)

Post log summary at:

<http://www.3830scores.com/>

Mail logs to: (none)

Find rules at:

[http://www.ncccsprInternationalcom/rules.h  
tml](http://www.ncccsprInternationalcom/rules.html)

#### Makrothen RTTY Contest

00:00 - 07:59 UTC and 16:00 - 23:59 UTC 10  
October and 08:00 - 15:59 UTC 11 October

Mode: RTTY

Bands: 80, 40, 20, 15, 10 m

Classes: Single Op Single Transceiver - low  
or high; Single Op Multi-Transceiver - low or  
high; Multi-Op Single Transceiver - low or  
high; Multi-Op Multi-Transceiver - low or  
high

Max power: HP: >100 watts; LP: 100 watts

Exchange: 4-character grid square

Work stations: Once per band

QSO Points: 1 point per km distance between  
stations for each QSO; Multiply QSO points  
by 1,5 for 40 m QSOs or 2,0 for 80 m  
QSOs; 100 points per QSO between stations  
in same grid square (no other points or mul-  
tiplier)

Multipliers: (none)

Score Calculation: Total score = total QSO  
points

Submit logs by: 15 November 2015

E-mail logs to: [tmc-rtty@arcor.de](mailto:tmc-rtty@arcor.de)

Mail logs to: (none)

Find rules at:

[http://home.arcor.de/waldemar.kebsch/The  
\\_Makrothen\\_Contest/TMC\\_Rules.html](http://home.arcor.de/waldemar.kebsch/The_Makrothen_Contest/TMC_Rules.html)

#### 10-10 International 10-10 Day Sprint

00:01 - 23:59 UTC 10 October

Mode: All

Bands: 10 m Only

Classes: Individual; Club; QRP

Max power: non-QRP: >5 watts; QRP: 5 watts

Exchange: 10-10 Member: Name, 10-10 num-  
ber and state, province or country; Non-  
Member: Name, 0 and state, province or  
country

Work stations: Once

QSO Points: 1 point per QSO with a non-  
member; 2 points per QSO with a 10-10  
member

Multipliers: (none)

Score Calculation: Total score = total QSO  
points

Submit logs by: 25 October 2015

E-mail logs to: [tentencontest@ten-ten.org](mailto:tentencontest@ten-ten.org)

Mail logs to: Dan Morris, KZ3T, 3162 Coving-  
ton Way, Lenoir, NC 28645, USA

Find rules at:

[http://www.ten-  
ten.org/index.php/activity/2013-07-22-20-  
26-48/qso-party-rules](http://www.ten-ten.org/index.php/activity/2013-07-22-20-26-48/qso-party-rules)

Oceania DX Contest, CW: 08:00 UTC 10 Oc-  
tober to 08:00 UTC 11 October

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op All Band - QRP, low or  
high; Single Op Single Band - QRP, low or  
high; Multi-One; Multi-Two; Multi-Multi;  
SWL

Max power: HP: 1 500 watts; LP: 100 watts  
 Exchange: RST and serial no  
 Work stations: Once per band  
 QSO Points: 20 points per 160 m QSO; 10 points per 80 m QSO; 5 points per 40 m QSO; 1 point per 20 m QSO; 2 points per 15 m QSO; 3 points per 10 m QSO  
 Multipliers: Each prefix once per band  
 Score Calculation: Total score = total QSO points x total mults  
 Submit logs by: 31 October 2015  
 E-mail logs to: [cw@oceaniadxcontest.com](mailto:cw@oceaniadxcontest.com)  
 Web-to-Cabrillo form: [http://www.b4h.net/cabforms/oceaniadxcw\\_cab.php](http://www.b4h.net/cabforms/oceaniadxcw_cab.php)  
 Mail logs to: Oceania DX Contest, PO Box 21088, Little Lonsdale Street, Victoria 8011, Australia  
 Find rules at: <http://www.oceaniadxcontest.com/rules.pdf>

Scandinavian Activity Contest, SSB  
 12:00 UTC 10 October to 12:00 UTC 11 October  
 Mode: SSB  
 Bands: 80, 40, 20, 15, 10 m  
 Classes: Single Op Single Transmitter - QRP, low or high; Single Op Single Transmitter Assisted - QRP, low or high; Single Op Single Band; Single Op Low Band; Multi-Single; Multi-Multi  
 Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts  
 Exchange: RST and serial no  
 Work stations: Once per band  
 QSO Points: Scandinavian: 2 points per QSO with EU; Scandinavian: 3 points per QSO with non-EU; EU: 1 point per QSO with Scandinavian station; non-EU: 1 point per QSO with Scandinavian station on 20, 15, 10 m; non-EU: 3 points per QSO with Scandinavian station on 80, 40 m  
 Multipliers: Scandinavian: Each DXCC country once per band; non-Scandinavian: Each Scandinavian call area once per band  
 Score Calculation: Total score = total QSO points x total mults  
 Submit logs by: 18 October 2015  
 Upload log at: <http://www.sactest.net/robot/>

Mail logs to: (none)  
 Find rules at: <http://www.sactest.net/blog/rules/>

QRP ARCI Fall QSO Party  
 12:00 UTC 10 October to 23:59 UTC 11 October  
 Mode: CW  
 Bands: 160, 80, 40, 20, 15, 10 m  
 Classes: All Band; Single Band; High Bands; Low Bands  
 Max operating hours: 24  
 Exchange: ARCI: RST, state, province or country and ARCI no; non-ARCI: RST, state, province or country and power out  
 Work stations: Once per band  
 QSO Points: 5 points per QSO with ARCI member; 4 points per non-member QSO with different continent; 2 points per non-member QSO with same continent  
 Multipliers: States, once per band; VE Provinces, once per band; Countries, once per band  
 Power Mult: >5 W = x 1, 1 - 5 W = x 7, 250 mW - 1 W = x 10, 55 - 250 mW = x 15, <55 mW = x 20  
 Score Calculation: Total score = total QSO points x (state mults and province mults and country mults) x power mult  
 Submit logs by: 25 October 2015  
 E-mail logs to: [contest@qrparci.org](mailto:contest@qrparci.org)  
 Mail logs to: ARCI Fall QSO Party, c/o Jeff Hetherington VA3JFF, 139 Elizabeth St. W., Welland, Ontario L3C 4M3, Canada  
 Find rules at: <http://www.qrparci.org/contests/grp-arcicontests/137-fall-qso-party>

SKCC Weekend Sprintathon  
 12:00 UTC 10 October to 24:00 UTC 11 October  
 Mode: CW  
 Bands: 160, 80, 40, 20, 15, 10, 6 m  
 Classes: (none)  
 Max operating hours: 24  
 Exchange: RST, state, province or country, name and SKCC no or "NONE"  
 Work stations: Once per band  
 QSO Points: 1 point per QSO  
 Bonus Points: (see rules)



Multipliers: Each state, province or country once

Score Calculation: Total score = (total QSO points x total mults) and bonus points

Submit logs by: 17 October 2015

Post log summary at:

[http://www.skccgroup.com/operating\\_activities/weekend\\_sprintathon/submit-display.php](http://www.skccgroup.com/operating_activities/weekend_sprintathon/submit-display.php)

Mail logs to: (none)

Find rules at:

[http://www.skccgroup.com/operating\\_activities/weekend\\_sprintathon/](http://www.skccgroup.com/operating_activities/weekend_sprintathon/)

#### Pennsylvania QSO Party

16:00 UTC 10 October to 05:00 UTC 11 October and 13:00 - 22:00 UTC 11 October

Mode: CW, Phone, PSK, RTTY

Bands: 160, 80, 40, 20, 15, 10, 6, 2 m

Classes: Single Op - QRP, medium or high; Single Op CW (150 W); Multi-Single; Multi-Multi; Single Op Portable; Multi-Op Portable; Mobile Single Op; Mobile Multi-Op; Rover Single Op; Rover Multi-Op

Max power: HP: >150 watts; MP: 150 watts; QRP: 5 watts

Exchange: PA: Serial no and County; non-PA: Serial no and ARRL/RAC Section

Work stations: Once per band per mode per county

QSO Points: 2 points per CW QSO; 1 point per SSB/FM QSO; 2 points per PSK/RTTY QSO; PA Mobile Bonus: 500 points for each county operated from with minimum of 10 QSOs; PA Rover Bonus: 500 points for each location operated from with minimum of 10 QSOs; W3C Bonus: 200 points for each QSO with W3C

Multipliers: PA Stations: Each ARRL section, RAC section, PA county once; PA Stations: One DX country; non-PA Stations: Each PA county once

QRP Bonus: multiply score by 2 for QRP operation

Score Calculation: Total score = (total QSO points x total mults x bonus mult) and bonus points

Submit logs by: 15 November 2015

E-mail logs to: [paqsolog@nittany-arc.net](mailto:paqsolog@nittany-arc.net)

Web-to-Cabrillo form:

[http://www.b4h.net/cabforms/paqp\\_cab3.php](http://www.b4h.net/cabforms/paqp_cab3.php)

Mail logs to: PA QSO Party 2015, c/o NARC, PO Box 614, State College, PA 16804-0614, USA

Find rules at:

<http://www.nittany-arc.net/pgppdf/paqs015rules-rev1.pdf>

#### Arizona QSO Party

16:00 UTC 10 October to 06:00 UTC 11 October and 14:00 - 23:59 UTC 11 October

Mode: CW, Phone, Digital

Bands: 160, 80, 40, 20, 15, 10, 6, 2 m

Classes: Single Op Single Transmitter - QRP, low or high; Multi-Single - QRP, low or high; Multi/Multi - QRP, low or high; Mobile - QRP, low or high; County Expedition - QRP, low or high

Max power: HP: >150 watts; LP: 150 watts; QRP: 5 watts

Exchange: AZ: Serial no, state and county; non-AZ: Serial no, state, province or country

Work stations: Once per band per mode per county

QSO Points: 1 point per phone QSO; 2 points per CW/digital QSO; Bonus: 100 points for at least one QSO with WM7RC

Multipliers: AZ: Each US state, province and country once per mode; non-AZ: Each AZ county once per band per mode

Score Calculation: Total score = (total QSO points x total mults) and bonus points

Submit logs by: 31 October 2015

E-mail logs to: [logs@azqsoparty.org](mailto:logs@azqsoparty.org)

Mail logs to: AZQP, PO Box 17811, Tucson, AZ 85731, USA

Find rules at:

<http://www.azqsoparty.org/rules.html>

#### FISTS Fall Unlimited Sprint

17:00 - 21:00 UTC 10 October

Mode: CW

Bands: 80, 40, 20, 15, 10 m

Classes: QRP; QRO; Club

Max power: QRO: 100 watts; QRP: 5 watts

Exchange: FISTS: RST, state, province or country, first name and FISTS no; non-FISTS: RST, state, province or country, first name and power

Work stations: Once per band  
QSO Points: 5 points per QSO with FIST member; FIST members: 2 points per QSO with non-FIST member  
Multipliers: Each US state and VE province once; Each DXCC country once  
Score Calculation: Total score = total QSO points x total mults  
Submit logs by: 9 November 2015  
E-mail logs to: [n2ed@fistsna.org](mailto:n2ed@fistsna.org)  
Mail logs to: FISTS Sprint Log, c/o Ed Wlodarski N2ED, 3 Shore Rd., Andover, NJ 07821-2240, USA  
Find rules at:  
<http://www.fistsna.org/operating.html#sprints>

PODXS 070 Club 160 m Great Pumpkin Sprint  
20:00 local 10 October to 02:00 local 11 October  
Mode: PSK31  
Bands: 160 m Only  
Classes: QRP; Low Power; Medium Power  
Max power: Medium Power: 100 watts; Low Power: 50 watts; QRP: 5 watts  
Exchange: RST and state, province or country  
QSO Points: 1 point/QSO  
Multipliers: Each state, province and DXCC country once only  
Score Calculation: Total score = total QSO points x total mults  
Submit logs by: 24 October 2015  
E-mail logs to: (none)  
Upload log at: <http://hamclubs.info/scorer/>  
Mail logs to: (none)  
Find rules at:  
<http://www.podxs070.com/o70-club-sponsored-contests/160m-great-pumpkin-sprint>

UBA ON CW Contest  
06:00 - 09:00 UTC 11 October  
Mode: CW  
Bands: 80 m Only  
Classes: (none)  
Exchange: ON: RST, serial no and ON Section; non-ON: RST and serial no

QSO Points: 3 points per QSO with Belgian station  
Multipliers: Each UBA Section  
Score Calculation: Total score = total QSO points x total mults  
Submit logs by: 1 November 2015  
E-mail logs to: [ubaon@uba.be](mailto:ubaon@uba.be)  
Mail logs to: Leon Welters, ON5WL, Borgstraat 80, B-2580 Beerzel, Belgium  
Find rules at:  
<http://www.uba.be/en/hf/contest-rules/on-contest>

## Next Week's Contests

NAQCC CW Sprint, 00:30 - 02:30 UTC 14 October  
Phone Fray, 02:30 - 03:00 UTC 14 October  
CWops Mini-CWT Test, 13:00 - 14:00 UTC and 19:00 - 20:00 UTC 14 October and 03:00 - 04:00 UTC 15 October  
RSGB 80 m Club Sprint, CW, 19:00 - 20:00 UTC 14 October  
NCCC RTTY Sprint, 01:45 - 02:15 UTC 16 October  
NCCC Sprint, 02:30 - 03:00 UTC 16 October  
JARTS WW RTTY Contest, 00:00 UTC 17 October to 24:00 UTC 18 October  
10-10 International Fall CW Contest, 00:01 UTC 17 October to 23:59 UTC 18 October  
New York QSO Party, 14:00 UTC 17 October to 02:00 UTC 18 October  
Iowa QSO Party, 14:00 - 23:00 UTC 17 October  
Stew Perry Top band Challenge, 15:00 UTC 17 October to 15:00 UTC 18 October  
Worked All Germany Contest, 15:00 UTC 17 October to 14:59 UTC 18 October  
Telephone Pioneers QSO Party, 17:00 - 21:00 UTC 17 October (CW/Digital); 23:00 UTC 17 October to 03:00 UTC 18 October (Phone); 17:00 - 21:00 UTC 18 October (Phone) and 23:00 UTC 18 October to 03:00 UTC 19 October (CW/Digital)  
South Dakota QSO Party, 18:00 UTC 17 October to 18:00 UTC 18 October  
Feld Hell Sprint, 20:00 - 21:59 UTC 17 October

Asia-Pacific Fall Sprint, CW, 00:00 - 02:00  
UTC 18 October  
Illinois QSO Party, 17:00 UTC 18 October to  
01:00 UTC 19 October  
Run for the Bacon QRP Contest, 01:00 -  
03:00 UTC 19 October  
ARRL School Club Roundup, 13:00 UTC 19  
October to 23:59 UTC, Oct 23



Items used with acknowledgement to the  
ARRL Letter, the ARRL DX News, the ARRL  
Contest Update, OPDX Bulletin, 425 DX Bul-  
letin, DXNL Newsletter, WIA-News, the  
RSGB News, DxCoffee, Southgate ARC  
News, the Islands, the Amateur Radio News-  
letter and the Castles and Portable Opera-  
tions Bulletin

